

JET NOZZLES FOR HIGH VOLUMES



ADAC, Munich, Germany

Large and high reception areas require air terminal devices that can throw the air far into the room. Intelligent control systems ensure that the airflow is quickly adapted to uses of varying intensity and to varying climate conditions.

TJN adjustable jet nozzles: The use of advanced polymer technology opens up entirely new design options. TJN jet nozzles allow for the precise adjustment of the supply air jet to the prevailing room conditions. The nozzles are acoustically optimised, and the flat external motor ensures energy efficiency. Additional pressure losses are avoided.

An innovative option: Due to so-called shape memory alloys the discharge angle of jet nozzles changes based on the supply air temperature, thereby ensuring the comfort criteria in the occupied zone, both in heating and in cooling mode.

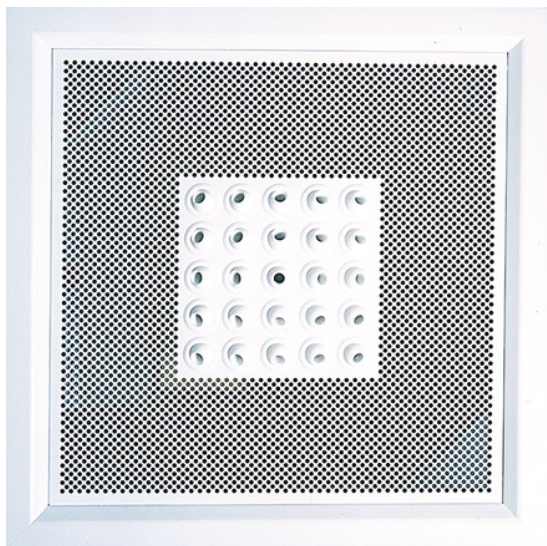
PASSCLEAN ceiling diffusers were originally developed for areas with a high degree of foot traffic. The clever air discharge prevents the diffuser and the ceiling from becoming dirty after a short time.



TJN JET NOZZLES

20 - 1.000 l/s
72 - 3.600 m³/h

Ø 160 - 400 mm



PASSCLEAN CEILING DIFFUSER

83 - 200 l/s
300 - 800 m³/h
Ø 600 mm, 600/625 mm